Contents

Adler, M.: Some Finite Dimensional Integrable Systems and Their Scattering Behavior . . . 195
Atiyah, M. F., Ward, R. S.: Instantons and Algebraic Geometry 117
Battle, G. A.: Phase Transitions for a Continuous System of Classical Particles in a Box . . . 299
Clarke, C. J. S., s. Lerner, D. E. 179
Coleman, S.: There Are No Classical Glueballs 113
Collett, P., Eckmann, J.-P.: The ε-Expansion for the Hierarchical Model 67
Davies, E. B.: Irreversible Dynamics of Infinite Fermion Systems 231
Dobrushin, R. L., Fritz, J.: Non-Equilibrium Dynamics of One-dimensional Infinite Particle Systems with a Hard-Core Interaction 275
Eckmann, J.-P., s. Collett, P. 67
Fannes, M., Verbeure, A.: Correlation Inequalities and Equilibrium States 125
Fritz, J., s. Dobrushin, R. L. 275
Fuchssteiner, B.: Pure Soliton Solutions of Some Nonlinear Partial Differential Equations . . 187
Hawking, S. W.: Zeta Function Regularization of Path Integrals in Curved Spacetime . . . 133
Herbst, I. W.: Addendum 316
Holley, R. A., Stroock, D. W.: In One and Two Dimensions, Every Stationary Measure for a Stochastic Ising Model is a Gibbs State 37
Lerner, D. E., Clarke, C. J. S.: Some Global Properties of Massless Free Fields 179
Liu, T.-P.: Large-Time Behavior of Solutions of Initial and Initial-Boundary Value Problems of a General System of Hyperbolic Conservation Laws 163
Mack, G.: All Unitary Ray Representations of the Conformal Group SU(2,2) with Positive Energy 1
Martin, A.: An Inequality on S Wave Bound States, with Correct Coupling Constant Dependence 293
Moulin Ollagnier, J., Pinchon, D.: Free Energy in Spin-flip Processes is Non-increasing . . . 29
Pinchon, D., s. Moulin Ollagnier, J. 29
Ruelle, D.: Applications conservant une mesure absolument continue par rapport à dx sur $[0, 1]$ 47
Scheffer, V.: Hausdorff Measure and the Navier-Stokes Equations 97
Sewell, G. L.: KMS Conditions and Local Thermodynamical Stability of Quantum Lattice Systems. II 53
Sewell, G. L.: Metastable States of Quantum Lattice Systems 63
Simon, B.: Geometric Methods in Multiparticle Quantum Systems 259
Strauss, W. A.: Existence of Solitary Waves in Higher Dimensions 149
Stroock, D. W., s. Holley, R. A. 37
Verbeure, A., s. Fannes, M. 125
Ward, R. S., s. Atiyah, M. F. 117
Zamolodchikov, A. B.: Exact Two-Particle S-Matrix of Quantum Sine-Gordon Solitons (Note) 183

Indexed in Current Contents